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TO:

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AUTHORITY

AGO D/A ltr, 29 Apr 1980

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DEPARTMENT OF THE ARMY  
OFFICE OF THE ADJUTANT GENERAL  
WASHINGTON, D.C. 20310

Defense Document  
Center DDC-TC

12  
18 June 1971

AGDA-A (M) (4 Jun 71) FOR OT UT 704077

SUBJECT: Operational Report - Lessons Learned, Headquarters, 41st Signal Battalion, Period Ending 31 October 1970

SEE DISTRIBUTION

1. The attached report is forwarded for review and evaluation in accordance with para 4b, AR 525-15.
2. The information contained in this report is provided to insure that lessons learned during current operations are used to the benefit of future operations and may be adapted for use in developing training material.
3. Information of actions initiated as a result of your evaluation should be forwarded to the Assistant Chief of Staff for Force Development, ATTN: FOR OT UT within 90 days of receipt of this letter.

BY ORDER OF THE SECRETARY OF THE ARMY:

*Verne L. Bowers*  
VERNE L. BOWERS  
Major General, USA  
The Adjutant General

1 Incl  
as

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UNCLASSIFIED REPORT  
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TEST AND EVALUATION; 4 June 71. OTHER REQUEST  
FOR THIS DOCUMENT MUST BE REFERRED TO THE ASSIS-  
TANT CHIEF OF STAFF FOR FORCE DEVELOPMENT (ARMY)  
ATTN: FOR OT UT, WASHINGTON, D. C. 20310

DEPARTMENT OF THE ARMY  
HEADQUARTERS 41ST SIGNAL BATTALION (AA)  
APO 96238

SOCPV-WG-CA-OP

15 November 1970

SUBJECT: Operational Report - Lessons Learned of the 41st Signal  
Battalion (AA) for Period Ending 31 October 1970,  
RCS CSNOR-65 (R2)

SEE DISTRIBUTION

1. Operations: Significant Activities

a. General: The Battalion was operational during the entire period of 92 days providing area communications support to U.S. and Free World Forces in Binh Dinh and Phu Yen Provinces, Republic of Vietnam. The major signal commitment of this Battalion includes the operation of one 2000 line dial telephone exchange, one 1000 line dial telephone exchange, three 200 line manual telephone exchanges, two 60 line manual telephone exchanges, one Tandem Switching Center, three MARS stations, 17 VHF Systems, one microwave system, 5 tropospheric scatter systems, 5 communications centers and various missions to include multi-pair cable installation and maintenance in the Battalion's area of responsibility.

b. Activities:

(1) Principle Staff and Command Changes:

(a) CPT John S. Clark assumed command of the 589th Sig Co on 9 August 1970 upon DEROS of CPT Fred H. Beer.

(b) On 18 August 1970, LTC Charles I. Molain assumed command of the 41st Signal Battalion upon the DEROS of LTC Hugh H. Broadhurst.

(c) CSM Percy Picard assumed duties of CSM 41st Signal Battalion on 31 Aug 70 upon the DEROS of CSM Russell C. Hall.

(d) CPT William S. Ogurchak assumed command of the 504th Sig Co on 2 October 1970 upon the DEROS of CPT Gayne A. Clifford.

(e) CPT Ronnie C. Wolfert assumed command of the 261st Sig Co on 22 October 1970 upon the DEROS of 1LT Richard S. Nowickowski.

(f) 1LT Martin L. Cannon assumed duties of Battalion S-4 on 26 October 1970 upon the DEROS of CPT Johnny W. Gray.

(g) MAJ Earl J. Howard assumed the duties of 41st Signal Battalion Executive Officer on 28 October 1970 upon the DEROS of MAJ Allen O. Halstead.

(h) CPT Roland E. Littell assumed duties of Battalion S-3 on 28 October 1970 upon the reassignment of MAJ Earl J. Howard.

FOR OT UT  
704077  
Inclosure

SCOPV-NG-QA-OP

SUBJECT: Operational Report - Lessons Learned of the 41st Signal Battalion (AA) for period ending 31 October 1970 NCS CS/CR-65, (R2)

(2) Distinguished Visitors:

<u>DATE</u>	<u>PERSON (S)</u>	<u>PURPOSE</u>
9 Aug 70	OOL Donovan (CO, 937 Eng GP)	— observed VCM Signal Site Access Road
10 Aug 70	LTC Kitchen (CO, 307 Sig Bn)	— observed operations of 518th Sig Det #2 and 362nd Sig Det #1 at VCM — checked progress of TRG-29 system at 504th Sig Co.
11 Aug 70	OOL Mattorn (CO, 21st Sig GP) LTC Broadhurst (CO, 41st Sig Bn)	— visited VCM Signal Site — visited PHT Signal Support Det, 504th Sig Co.
17 Aug 70	Miss Pamela Ann Eldred (Miss America)	— interviewed at AFV Studio, VCM
18 Aug 70	MG Foster (CG, 1st Sig Bde) BG Sweeney (CG, JNH Sup Com) BG Ochs (CG, 173rd Arme Bde) OOL Mattorn (CO, 21st Sig GP) Numerous other dignitaries	— change of command ceremonies for 41st Sig Battalion
19 Aug 70	BG Sweeney (CG, Jui Nhon Sup Com)	— observed security upgrade of VCM Signal Site
20 Aug 70	CSM Tolson (CSM, 1st Sig Bde) CSM Sogar (CSM, 21st Sig GP) CSM Hall (CSM, 41st Sig Bn)	— visited complete communications facilities of 504th Sig Co in Phu Tai
20 Aug 70	OOL Stivers (CC, 2nd Sig GP) LTC Broadhurst	— inspected PDO at 504th Sig Co at Phu Tai for future needs
21 Aug 70	MAJ Kelley (PDO, 1st Sig Bde)	— checked PDO operations at 504th Sig Co, Phu Tai

802PV-NG-QA-CP

SUBJECT: Operational Report - Lessons Learned of the 41st Signal Battalion (AA) for period Ending 31 October 1970 RCS CSFOR-65, (R2)

27 Aug 70	COL Mattern (CO, 21st Sig GP) LTC McLain (CO, 41st Sig Bn)	-- visited all sites of 509th Sig Co -- observed operations of 261st Sig Co (PSE) and 232nd Sig Co (VCM)
28 Aug 70	COL Mattern (CO, 21st Sig GP) LTC McLain (CO, 41st Sig Bn) CSM Sogar (CSM, 21st Sig GP) CSM Hall (CSM, 41st Sig Bn)	-- visited signal sites of 504th Sig Co to include DSTE at Phu Tai and the Anson Signal Site
5 Sept 70	LTC McKison (ACofS Supply, Qui Nhon Sup Com)	-- familiarization of red- ball requisition trans- missions of Phu Tai DSTE for Long My Depot
26 Sept 70	MAJ Markham (Chief Sig Sys Engr Com Sec, 21st Sig GP)	-- observed installation of TRC - 90 at VCM
28 Sept 70	COL Mays (Signal Officer, IFTV) LTC Taylor (CO, 54th Signal Bn)	-- observed operations of VCM Signal Site
28 Sept 70	LTC Sanderlin (CO, 459th Sig Bn) LTC McLain (CO, 41st Sig Bn)	-- observed operations of Phu Tai DTE, DSTE, and TRC - 29 of 504th Sig Co -- visited LZ English, Phu Cat, and Charing of 509th Sig Co.
4 Oct 70	COL Mattern (CO, 21st Sig GP) LTC McLain (CO, 41st Sig Bn)	-- observed operation of TRC - 90 at VCM -- visited LZ English and MACV - 22 of 509th Sig Co.
8 Oct 70	MAJ Parker (Sec. Officer, Long My Depot)	-- inspected the perimeter forces of 504th Sig Co.

SOOPV-FG-CA-OP

SUBJECT: Operational Report - Lessons Learned of the 41st Signal Battalion (AA) for period Ending 31 October 1970 RCS GSFUR-65, (R2)

15 Oct 70	COL Mattern (CO, 21st Sig GP) LTC McLain (CO, 41st Sig Bn)	-- visited HHC 41st Sig Bn Mess Hall -- observed operations of VCM Signal Site
22 Oct 70	MAJ Mills (Asst. Chief Sig Sys Engr Con Sec, 21st Sig GP)	-- observed rehab, work on PRT - 01 cable of 504th Sig Co.
24 Oct 70	COL Mattern (CO, 21st Sig GP) LTC McLain (CO, 41st Sig Bn)	-- visited TYA VHF and VRM VHF sites of 261st Sig Co.

c. Personnel:

(1) The following personnel strengths are noted as of 31 October 1970.

	<u>AUTH</u>	<u>ASCD</u>	<u>60 DAY LOSSES</u>	<u>% FILL</u>
Officers	30	27	0	90%
Warrant Officers	8	10	1	125%
Enlisted Men	667	817	86	94%

(2) The 94% fill of enlisted men is a decrease of 9% from last reporting period due to extensive DTGOS of enlisted men with few replacements.

(3) The following are critical MOS shortages as of 31 October 1970:

<u>MOS</u>	<u>TITLE</u>	<u>AUTH</u>	<u>ASCD</u>	<u>30 DAY LOSS</u>
32F	Fixed Ciphony Repairman	11	6	1
34D	ADPS Repairman	4	4	-
36G	Manual Central Office Repairman	9	7	2
36H	Dial Central Office Repairman	27	20	1
72G	Telephone Switchboard Operator	94	66	11
76U	Communications Electronics Repair Part Specialist	10	5	-

(4) For the reporting period, this command awarded:

- 80 - Army Commendation Medals
- 31 - Bronze Stars
- 3 - Purple Hearts
- 1 - Air Medal
- 5 - Distinctive Insignia of the Signal Corps

**800PV-XO-CA-OP**

**SUBJECT: Operational Report - Lessons Learned of the 41st Signal Battalion (AA) for period ending 31 October 1970 RCS CSFOR-65, (R2)**

**92 - 21st Signal Group Certificates of Achievement  
2 - ARVN Medal of Honor 1st Class**

**(5) The following public information actions were taken by this Battalion during the reporting period:**

**Homotom News Releases -128  
Photos - 80  
Stories - 5**

**d. Operations:**

**(1) Radio:**

**(a) On 18 Aug 70, a 12 - Channel VHF emergency system between UPT-ELH was activated for alt - routes due to BBT 15 outage.**

**(b) On 28 Aug 70, the 12 - channel VHF system BBT21 from TYA to ROKS was inactivated and all circuits were cutover to existing cable.**

**(c) On 3 Sept 70, the 12 - channel VHF system 77UHC4 from VCM to PHT was inactivated.**

**(d) On 6 Sep 70, the Monastery Hill Signal Site was inactivated and moved to Bagi. Three 12 - channel VHF systems were reterminated from Monastery Hill to Bagi: 77UHIM, BBH53, DBH97.**

**(e) On 11 Sep 70, a 12 - channel emergency VHF system between UPT-ELH was activated for alt-routes due to BBT15 outage.**

**(f) On 26 Sep 70, a 24 - channel tropospheric scatter system, BBT21 from VCM to ELH, was activated providing the major route for communications to ELH.**

**(g) On 29 Sep 70, the 24 - channel tropospheric scatter system, BBT 15 from VCM to ELH, was inactivated.**

**(h) On 2 Oct 70, a 12 - channel VHF system BBT9D was reterminated from PHO to VCM.**

**(i) On 6 Oct 70, the 12 - channel VHF system DBH55 from PHO to LZU and the LZU Signal Site was inactivated. The men and equipment located LZU were returned to the 589th Signal Company in Chuang.**

**(j) On 23 Oct 70, a 12 - channel emergency VHF system between AKC ELH was activated for alt - routes due to BBT18 outage.**

**(k) On 25 Oct 70, the 12 - channel VHF system, BBH14 from VCM to PHO, was inactivated.**

SOOPV-NQ-CA-OP

SUBJECT: Operational Report - Lessons Learned of the 41st Signal Battalion (AA) for period Ending 31 October 1970 RCS CSFOR-65, (R2)

(l) On 28 Oct 70, the 12 - channel VLF system, BSH2E from VRB to VRB, was inactivated upon completion of all communications commitments at VRB.

(m) On 29 Oct 70, two 24 - channel tropospheric scatter systems, BBT/6 from HUA to VIM and BBT12 from VRB to VCH, were inactivated. All circuits were re-routed over system 77UTV8 from CRB to VCM and IOS path to TYA.

(n) On 30 Oct 70, the 12 - channel VLF system, BSH13 from VRM to TYA, was inactivated.

(2) Telephone and Wire:

(a) During this reporting period, all multi-pair cables of the Battalion have been undergoing extensive rehabilitation in order to minimize number of outages during the rainy season. The following cables have been completed during this reporting period:

1. PHE CA-02  
PHE CA-03  
PHE CA-04  
PHE CA-05  
PHE CA-06  
PHE CA-07  
PHE CA-08
2. CHA CA-01
3. ELH CABLE PLANT

(b) The 261st Sig Co has assumed responsibility of the telephone installation at TUY HOA AFH. As per 31 Oct, the 261st has installed approximately 151 telephones.

(c) The 504th Sig Co and 1st Platoon of 578th Sig Co have responded to numerous emergency situations to replace or repair damaged cable throughout the Battalion's area of responsibility.

(d) The 1st Platoon of 578th Sig Co are continuing rehab work on the PHT CA-01 and PHT CA-07A.

e. Training:

(1) The following are formal schools attended by members of the Battalion during the reporting period:

<u>SCHOOL</u>	<u>NUMBER OF PERSONNEL</u>
Cable Splicer	6
AN/GRC-106 Maint Course	2
AN/TRC-24 Operations	2
AN/TRC-24 Maintenance	1
71H Refresher	2



SOCPU-NG-CA-OP

SUBJECT: Operational Report - Lessons Learned of the 41st Signal Battalion (AA) for period ending 31 October 1970 RCS CSFCR-65, (R2)

System Control (JMW)	3
System Control (21st Sig GP)	2
Telephone I&R	3
PLL Class at CSMA	5
Leadership Training	3
DSTE	2
Telephone Key System	2
Contracting Officers Rep. Course	2

(2) Buddies Together Program:

(a) Various projects have been jointly conducted between members of this Battalion and ARVN Buddy units:

1. Social gatherings between officers and PM of both units to include a volleyball game.

2. The 232nd Signal Co and 589th Signal Co have provided extensive assistance in generator maintenance to respective Buddy units.

3. This Battalion has provided 2 men, one 31M40 and one 52B20, to assist 656th ARVN Signal Battalion in conducting technical assistance visits to ARVN signal sites.

4. Various materials have been donated by this Battalion to Buddy units for their use on signal sites.

(b) During the reporting period, this Battalion has trained the following number of ARVN's in stated MCS's:

1 - 31 L  
2 - 31 M  
1 - 52 B

e. Logistics:

(1) The 232nd Signal Company, USASTRATCOM Support Detachment, and HHC 41st Signal Battalion have consolidated their ordnance and engineer maintenance and PLL facilities into the 41st Sig Bn Motor Pool. This consolidation has included daily and preventive maintenance, repair and storage facilities, PLL, and dispatching.

(2) The ECMI Team inspected the 232nd Sig Co, 589th Sig Co and in conjunction with the 21st Sig GP CMCI Team, the 504th Signal Company. Corrective actions were taken by each company to remedy all reported deficiencies.

(3) The 261st Signal Company has successfully completed their move from Phu Hai to Tuy Hoa.

**SCCPV-NG-CA-OP**

**SUBJECT: Operational Report - Lessons Learned of the 41st Signal Battalion (AA) for Period Ending 31 October 1970 RCS CSFOR-65 (R2)**

(4) Three each AN/TRC - 97B Radio Terminal Sets were successfully transported from the 589th Signal Company area of operations to the 362d Signal Company Headquarters in CRB.

(5) The 41st Sig Battalion Logistics Section continues to provide transportation and assistance to the 1st Signal Brigade Team that is packing DSTE, ICS, and DTE equipment for retrograde.

(6) During the reporting period, intensive efforts have been directed toward the turn-in of equipment. The following major items have been successfully released by this Battalion:

1/2 ton trucks - 3  
3/4 ton trucks - 9  
2 1/2 ton trucks & above - 20  
Trailers - 12  
Major Signal Items - 9  
Generators - 31  
Air Conditioners - 8

**2. Lessons Learned: Commander's Observations, Evaluations and Recommendations.**

**a. Personnel:**

**(1) MTOE Personnel Authorization.**

(a) **OBSERVATION:** Personnel authorized under MTOE in HHC 41st Signal Battalion appear to be below the strength required to fulfill the job requirements placed upon the company.

(b) **EVALUATION:** Even though figures reflect a 127% fill within the company the need for additional personnel to satisfy job requirements becomes more critical with the loss of each individual. Maintaining security and constant up-grading of the perimeter and compound facilities becomes increasingly difficult as mission requirements within the section make it more agonizing for the section to release personnel for security details. Funds for sufficient local hire support personnel are not available.

**(c) RECOMMENDATION:**

1. That MTOE authorized strengths be reviewed more frequently to maintain a closer relationship between the total task to perform and the number of personnel needed to accomplish a given mission including physical security and maintenance requirements.

SCCPV-NG-CA-OP

SUBJECT: Operational Report - Lessons Learned of the 41st Signal Battalion (AA) for Period Ending 31 October 1970 RCS CSFOR-65 (R2)

2. That consideration be given to providing slots within technical support units (such as Signal) for personnel to perform the principal duties of physical security, facility maintenance, and light construction within each unit. Highly trained personnel would be used only as supplements to pressing projects. This would provide for more economical and efficient use of highly trained individuals.

(2) Critical Shortage of Personnel.

(a) OBSERVATION: The 232d Sig Co has experienced a critical drop in number of personnel. This has caused undue hardships and sub-standard conditions in several situations. This shortage impacts on the security of the Signal Site as well as non-TOE mission essential activities such as the generator section, R&U section, TOC and Duffelbag operations.

(b) EVALUATION: The personnel situation of site is not depicted at higher headquarters. With additional responsibilities this site experiences, an overhead and minimum manning level should be maintained.

(c) RECOMMENDATION: That higher headquarters include in the requirements of the VCM Signal Site personnel for non-MTOE positions that are essential to the overall operation and security of the site.

b. Intelligence:

(1) Coordination of Security Inspections.

(a) OBSERVATION: Security inspections have been conducted by units not organic to this headquarters.

(b) EVALUATION: Such inspections can be extremely beneficial if close coordination with S-2 of this headquarters is effected. Many units/sites of this command must follow local policies and it is not feasible for them to conform to standards set by higher headquarters.

(c) RECOMMENDATION: That all security inspection teams, not inherent to this Battalion, coordinate directly with S-2 before inspecting units of this command.

c. Operations:

(1) Establishment of Hazardous Conditions.

(a) OBSERVATION: Signal Sites are often faced with the problem of having no standby VHF stack operational, no back-up power operational and/or an inoperable air-conditioner used for cooling communications equipment.

SCCPV-NG-CA-OP

SUBJECT: Operational Report - Lessons Learned of the 41st Signal Battalion (AA) for Period Ending 31 October 1970 RCS CSFOR-65 (R2)

(b) EVALUATION: One or more of these situations constitutes a hazardous condition. Efficient and effective means must be used to restore such conditions. The 41st Signal Battalion has established an effective SOP covering such conditions. It clearly states what constitutes a hazardous condition and the specific responsibilities of CACCC, ELM shop, S-4, motor maintenance, signal site tech control, and company operations. The key to this entire operation being that any hazardous condition must be eliminated quickly.

(c) RECOMMENDATION: That all signal units adopt such procedures to insure that hazardous conditions are known by all command levels. In this way, such conditions can be eliminated quickly. This would also insure the maximum quality and dependability of communications.

(2) Installation of TAR 16 in Dial Telephones Exchange.

(a) OBSERVATION: Since the installation of the TAR 16, the maintenance personnel have cut trouble-shooting time by 75% and has resulted in more accurate and thorough testing of Dial Circuits.

(b) EVALUATION: In addition to more expedient testing and trouble shooting, the TAR 16 allows for pin-point trouble-shooting of circuits, whether the problem is in-house or at the ICS site. It has definitely enhanced the operation.

(c) RECOMMENDATION: Personnel trained in 36H MOS be given extensive training in the operation and maintenance of the TAR 16.

(3) Inside Plant, Dial Telephone Exchange.

(a) OBSERVATION: Primary and secondary trunk circuits are difficult to repair with test equipment located away from circuit plates and conditioning equipment.

(b) EVALUATION: Constant running to and from the circuit and test equipment sometimes results in incorrect test reading and defective circuit operation. The introduction of TAR 16 equipment and patch closes the distance between circuit plates and test equipment.

(c) RECOMMENDATION: Future dial telephone exchanges include TAR 16 equipment upon initial installation.

(4) Activation of tropospheric scatter systems.

(a) OBSERVATION: A tropo system was activated on one day and its circuits were activated on the following day.

**SCCPV-NG-CA-OP**

**SUBJECT: Operational Report - Lessons Learned of the 41st Signal Battalion (AA) for Period Ending 31 October 1970 RCS CSFOR-65 (R2)**

(b) **EVALUATION:** Circuits were marginal upon activation. The degradation of the system was due to the extremely short period of time between system and circuit activation.

(c) **RECOMMENDATION:** That future tropo system be established in two phases:

(1) a testing phase and (2) an activation phase. If phase one was extended to a few days, it would allow operations to allow for instability of system before circuits were activated. This would insure better circuit quality and service to subscribers of tropo system circuits.

(5) **Mobile DSTE, On-Line Van**

(a) **OBSERVATION:** The inside wooden door to the on-line DSTE Van is positioned and opens in such a way that the van is difficult to enter and exit.

(b) **EVALUATION:** Although the door serves a useful purpose in that it is a deterrent to unauthorized entry, it is also a major safety hazard since personnel must exit the van one at a time, each opening and closing the door.

(c) **RECOMMENDATION:** The current door on the on-line van be replaced with an accordion-type door which will permit easier entry and exit to the van.

(6) **Mobile DSTE, On-Line Van.**

(a) **OBSERVATION:** The file storage area for the vans are adequate for card traffic, but no provisions have been made for the filing of narrative messages.

(b) **EVALUATION:** If the DSTE terminal, as currently configured handled only card traffic, there is adequate card files for storage. The current operation of the terminal includes both card and narrative traffic. No space has been provided for the storage of narrative messages of even normal file length.

(c) **RECOMMENDATION:** The card file cabinet in the front of the on-line van be replaced with a cabinet that can be utilized for narrative message storage.

d. Organization: None

e. Training:

(1) **DSTE Maintenance Personnel.**

SCCPV-NG-CA-OP

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(a) OBSERVATION: Although DSTE Maintenance personnel are school trained and are knowledgeable in the repair of DSTE equipment, two shortcomings are apparent: an experience factor and little or no training on the repair of power supplies.

(b) EVALUATION: The ability to quickly determine and correct maintenance problems is gained through experience under actual conditions, not in the classroom. Maintenance personnel are assigned directly from the school to a unit and lack this ability to quickly return a circuit to the air. Secondly, power supplies in the DSTE equipment have had the reputation of trouble free operation. This unit, however, has experienced troubles with power supplies and thus endured long outages because its maintenance personnel were not thoroughly instructed in power supplies.

(c) RECOMMENDATION: DSTE Maintenance personnel be assigned initially with an experienced maintenance man, rather than assigned alone to a unit. The maintenance and repair course for DSTE give more consideration to power supplies and the manual for power supplies be more explicit.

f. Logistics:

(1) PLL parts for Dial Telephone Exchange.

(a) OBSERVATION: At the DTE site, the PLL personnel are not able to man their areas 24 hours per day. Many times during the night shift repairmen have a requirement for parts.

(b) EVALUATION: The following system was established: A PLL parts control sheet was initiated providing the repairman with a means of accurately recording parts utilized during the night. The PLL clerk, upon return to work in the morning, checks the control sheet and adjusts his Record of Demand Cards and maintains his PLL according to AR 735-35.

(c) RECOMMENDATION: Dial Telephone Exchanges in the 1st Signal Brigade initiate such a system.

(2) Running Spares for DSTE Vans.

(a) OBSERVATION: The running spares for the DSTE vans were received at only 80 percent fill when the vans were shipped to this unit.

(b) EVALUATION: While it is desirable to have 100 percent fill, it was not expected. However, some main replacement items were not shipped with the vans to include manual control key cards, test equipment, and other circuit boards. When the items were requisitioned on initial issue some requests were cancelled because the items were direct exchange.

SCCPV-NG-CA-OP

SUBJECT: Operational Report - Lessons Learned of the 41st Signal Battalion (AA) for Period Ending 31 October 1970 RCS CSFOR-65 (R2)

(c) RECOMMENDATION: Attempt be made to fill, as completely as possible, the running spares for the DSTE vans. Upon receipt of equipment the unit be permitted to requisition those items needed to complete the running spares, regardless of direct exchange status.

(3) Spare parts for DSTE.

(a) OBSERVATION: Spare parts for the DSTE continued to be critical, however, requisitions improved 100% during this reporting period. Page printer ribbon is no longer critical item at this terminal. There are eight (8) hammer drive boards (A2-A9) with one replacement board. If more than one of these boards go bad, it would result in an unknown period of outage.

(b) EVALUATION: Down time will result if receipt of critical spare parts are not obtained in the near future.

(c) RECOMMENDATION: It is recommended that higher headquarters be made aware of the above, and that the DSTE Project Officer make a concerted effort to stay-on-top of all critical items and continuous checks be made with AMSF (North).

g. Communications: None.

h. Materiel: None.

i. Other:

(1) Pad for DSTE Van.

(a) OBSERVATION: When the DSTE site was prepared for receiving the vans, a 35 ft by 30 ft by 8 inches of concrete pad was required to be constructed.

(b) EVALUATION: Because of a lack of material and time, this size pad was impractical and was reduced to 4 ft by 10 ft by 8 inches. This new concept required two pads per van to be constructed, each pad accommodating one set of wheels. The new pads have proven to be entirely successful and the resulting savings in the time and cost proved the smaller pads to be more economical than the larger pads.

(2) DSTE Technical Representative.

(a) OBSERVATION: Certain areas in the repair of the DSTE equipment are beyond the capability of the school-trained DSTE maintenance personnel. These areas require a civilian technical representative who is able to furnish guidance and, in most cases, accomplish the repairs.

SCCPV-11G-CA-OP

SUBJ: CT: Operational Report - Lessons Learned of the 41st Signal Battalion  
(AA) for period Ending 31 October 1970 RGS CSFOR-65, (R2)

(b) EVALUATION: Currently, the technical representatives are located in Long Binh which involves considerable time lost when the representative must travel to this unit. While awaiting the technical representative it becomes necessary to alt-route traffic, causing an unnecessary delay in handling time.

(c) RECOMMENDATION: Technical representative be assigned and stationed in the Qui Nhon area to service DSTE sites in the Qui Nhon, Phu Tai, and Pleiku areas.

1 Incl  
Battalion Organisational  
Structure Chart

*Charles I. Molain*  
CHARLES I. MOLAIN  
ITC, SigO  
Commanding

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- 1 - CG, 1st Sig Dde (USASTRATCOM), ATTN: SCCPV-OP, APO 96384
- 6 - CG, 21st Sig GP, APO 96240
- 1 - CG, 43rd Sig Bn, APO 96318
- 1 - CG, 73rd Sig Bn, APO 96312
- 1 - CG, 307th Sig Bn, APO 96312
- 1 - CG, 455th Sig Bn, APO 96240




SCCIV-IR (15 November 1970) 1st Ed

SUBJECT: Operational Report - Lessons Learned, Headquarters, 41st Signal Battalion for Period Ending 31 October 1970, RCS CSFTR-65 (R2)

DA, HEADQUARTERS, 21ST SIGNAL GROUP, APO 96240 24 November 1970

SEE DISTRIBUTION

1. Subject report is forwarded in accordance with AR 525-15.
2. This headquarters has reviewed this report and concurs in it except paragraph 2a(2), page 9, which should be deleted.

  
JAMES P. MATTERN  
Colonel SigC  
Commanding

DISTRIBUTION:

- 6 - CO, 1st Sig Bde, ATTN: SCCPV-OP, APO 96384
- 2 - ACS FCR, DA, Washington, D.C. 20310
- 5 - CO, 41st Sig Bn, APO 96238

SCCPV-OP-CC (15 Nov 70) 2d Ind

SUBJECT: Operational Report - Lessons Learned, Headquarters, 41st Signal Battalion for Period Ending 31 October 1970 RCS CSFOR-65 (R2)

DA, HQ, 1st Signal Brigade (USASTRATCOM), APO 96384 15 Dec 70

TO: Commanding General, United States Army, Vietnam, ATTN: AVHGC-DST,  
APO 96375

1. Subject report is forwarded in accordance with AR 525-15.
2. This headquarters has reviewed the report and concurs in it as indorsed with the following comments:

a. Reference pg. 2-4. para. 1.b.(2). Full names of distinguished visitors listed should be used.

b. Reference item, "Mobile DSTE, On-Line Van." pg. 11. para. 2.c.(5). The recommendation of an accordion door, opening out is valid, but a special door will be required. As an interim solution, this office will investigate the modification of existing doors to swing toward the front of the van to reduce the safety hazard in the event of a fire in the rear portion of the van.

c. Reference pg. 12. para. 2.f.(2)(a) line 1. Should read: "...Vans were received...".

d. Reference pg. 13. para. 2.i.(1). Recommendation was not included.

FOR THE COMMANDER:

  
T.M. BEYERSDORF  
CPT, AGC  
Asst AG

CF:

Commanding General, U.S. Army Strategic Communications Command,  
ATTN: SCC-OPS-RT, Ft Huachuca, Arizona 85613  
Commanding Officer, 21st Signal Group, APO 96240  
Commanding Officer, 41st Signal Battalion, APO 96238

AVHDO-DO (15 Nov 70) 3d Ind

SUBJECT: Operational Report - Lessons Learned of the 41st Signal  
Battalion (AA) for Period Ending 31 October 1970,  
RGS CSFOR-65 (R2)

Headquarters, United States Army Vietnam, APO San Francisco 96375 15 FEB 1971

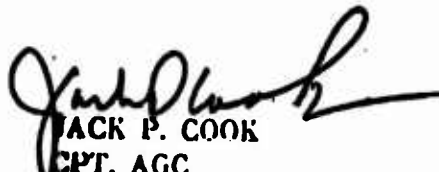
THRU: Commanding General, United States Army Strategic Communications  
Command-Pacific, APO 96557

TO: Commander in Chief, United States Army Pacific, ATTN: GPOP-DT,  
APO 96558

1. This Headquarters has reviewed the Operational Report-Lessons Learned for the quarterly period ending 31 October 1970 from Headquarters, 41st Signal Battalion (AA) and comments of indorsing headquarters.

2. Reference item concerning "DSTE Technical Representative," page 13, paragraph 21(2): nonconcur. It is not feasible to have a technical representative assigned at Qui Nhon for just the three sites. The technical representative should remain at Long Binh in a centralized location where he can be dispatched by aircraft to all sites within three hours. The ECOM technical representative is to furnish guidance only and is not to accomplish the repairs when required.

FOR THE COMMANDER:

  
JACK P. COOK  
CPT, AGC  
Assistant Adjutant General

Cy furn:  
1st Sig Bde  
41st Sig Bn

SCCP-OP-OCO (15 Nov 70) 4th Ind  
SUBJECT: Operational Report - Lessons Learned of the 41st Signal  
Battalion (AA) for Period Ending 31 October 1970, RCS  
CSFOR-65 (R2)

Headquarters, United States Army Strategic Communications Command-Pacific,  
APO San Francisco 96557 10 MAR 1971

THRU: Commander in Chief, United States Army, Pacific, ATTN: GPOF-DT  
APO 96558  
Commanding General, United States Army Strategic Communications  
Command, ATTN: SCC-PO-CEFF, Fort Huachuca, Arizona 85613

TO: Assistant Chief of Staff for Force Development, Department of  
the Army, Washington, D.C. 20310

1. Subject report is forwarded in accordance with AR 525-15.
2. This headquarters concurs with the report as indorsed.

FOR THE COMMANDER:

SIGNED

ANN M. RIOU  
CPT, WAC  
Acting Asst AG

CF:  
CG, USARV, APO 96375 wo incl  
CG, 1st Sig Bde (USASTRATCOM), APO 96384 wo incl  
CO, 21st Sig Gp (USASTRATCOM), APO 96240 wo incl  
CO, 41st Sig Bn (USASTRATCOM), APO 96238 wo incl

GPOP-DT (15 Nov 70) 5th Ind  
SUBJECT: Operational Report of HQ, 41st Signal Battalion (AA) for  
Period Ending 31 October 1970, RCS CSFOR-65 (R2)

HQ, US Army, Pacific, APO San Francisco 96558 30 MAR 1971

THRU: ~~Commanding General~~, U. S. Army Strategic Communications Command, - *P.C.P.*  
~~Fort Huachuca, Arizona 85613~~

TO: Assistant Chief of Staff for Force Development, Department of the  
Army, Washington, D. C. 20310

This headquarters concurs in subject report as indorsed.

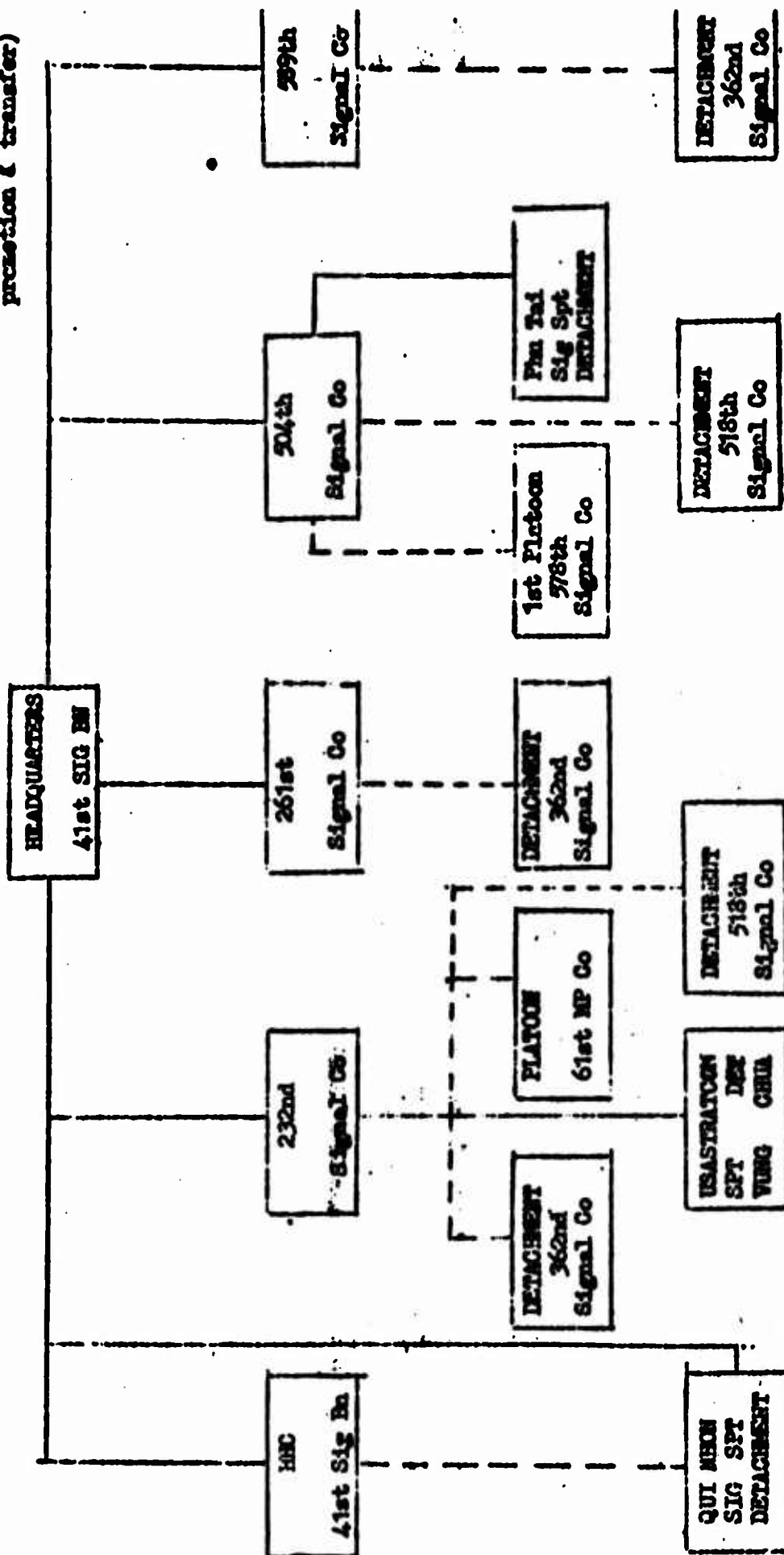
FOR THE COMMANDER IN CHIEF:



D. D. CLINE  
1LT, AG  
Asst AG

**COMMAND & CONTROL**

--- ATTACHED FOR COMAND,  
CONTROL, ADMIN. AND  
LOGISTICS (except for  
promotion & transfer)



UNCLASSIFIED

Security Classification

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